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COUNTY BOROUGH OF TYNEMOUTH

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SEVENTY-THIRD

ANNUAL REPORT

OF THE

Medical Officer of Health

1953.

O.N. 833/10/54. 220B/90UB.

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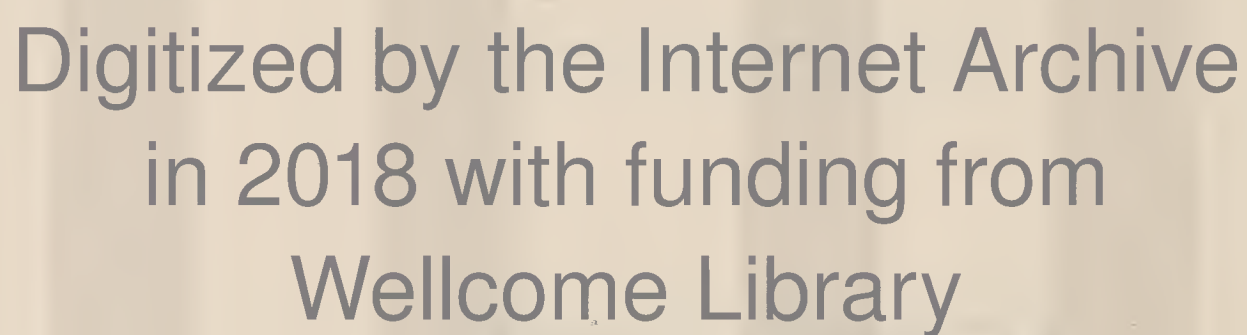




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**County Borough of Tynemouth**  
**HEALTH COMMITTEE.**

**January to April, 1953.**

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THE MAYOR—Councillor T. W. CRAWSHAW.

**Chairman :**

Councillor Mrs. A. SOUTHWORTH.

**Deputy Chairman :**

Councillor W. LITTLE.

**Members :**

Alderman	FORSYTH, J.P.	Councillor	PARK.
Councillor	BALLARD, Mrs. S. A.	„	RICHARDSON.
„	COE.	„	SMITH.
„	CURRAN.	„	SOWERBY.
„	JOHNSON.		
„	KITWOOD, Mrs. N.		

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**May to December, 1953.**

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THE MAYOR—Councillor W. LITTLE.

**Chairman :**

Councillor Mrs. A. SOUTHWORTH.

**Deputy Chairman :**

Councillor Mrs. S. A. BALLARD.

**Members :**

Alderman	FORSYTH, J.P.	Councillor	FORSTER.
Councillor	BILTON, Mrs. S. A.	„	KITWOOD, Mrs. N.
„	COE.	„	PARK.
„	CRAWSHAW.	„	RICHARDSON.
„	CURRAN.	„	SOWERBY.



# STAFF OF THE PUBLIC HEALTH DEPARTMENT.

—: o :—

## MEDICAL AND DENTAL STAFF

Medical Officer of Health and				
Principal School Medical Officer ...	R. H. DAWSON, M.B., Ch.B., D.P.H.			
Assistant Medical Officer of Health	MARGARET B. STEEL, M.B., Ch.B., D.P.H.			
Part-time Assistant Medical Officers	ELSPETH C. SPENCER, M.B., B.S.			
	A. E. WHITE, M.B., B.S.			
Dental Officer	...	...	...	R. W. ESSENHIGH, L.D.S.

## CLERICAL STAFF

Chief Clerk	...	...	...	W. R. MILLER.
Senior Clerk	...	...	...	G. G. ELLIS
Clerks	...	...	...	B. O. BLAGBURN.
				A. LOGAN, A.C.C.S.
				Miss M. I. K. THOMPSON.
Senior Typist	...	...	...	Miss M. LAMBERT.
Typists	...	...	...	Miss J. BLACK.
				Miss A. RUMMLOW (resigned 9/5/53).
				Miss G. CRAGG (commenced 27/7/53).

## SANITARY INSPECTION STAFF

Senior Sanitary Inspector	...	...	C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection.
Deputy Senior Sanitary Inspector	...	J. E. HALL, Cert. R.S.I., Cert. Meat Inspection.	
Sanitary Inspectors	...	...	L. MORALEE, Cert. S.I.B., Cert. Meat Inspection.
			R. C. NICHOLSON, Cert. S.I.B., Cert. Meat Inspection.
			W. C. W. VALENTINE, Cert. S.I.B., Cert. Meat Inspection (resigned 6/6/53).
			A. GILPIN, Cert. S.I.B., Cert. Meat Inspection, B.Sc.(Econ.).
			S. TREWHITT, Cert. S.I.B., Cert. Meat Inspection (commenced 24/8/53).
Disinfector	...	...	B. NEWHAM.

## NURSING STAFF

Superintendent Nursing Officer	...	A. M. TURNER, S.R.N., R.F.N., S.C.M., H.V. Cert. (Q.N.).
Health Visitors	...      ...	... E. MARSHALL, S.R.N., S.C.M., H.V. Cert. M. BATEY, S.R.N., S.C.M., H.V. Cert. A. I. MOONEY, S.R.N., S.R.F.N., S.C.M., H.V. Cert. H. MARCH, S.R.N. E. MYERS, S.R.N., S.C.M., H.V. Cert. E. SMART, S.R.N., S.R.F.N., S.C.M., H.V. Cert. L. HARRISON, S.R.N., S.C.M., H.V. Cert. M. A. WIGHT, S.R.N., S.C.M., H.V. Cert. K. I. M. HODGSON, S.R.N., S.C.M., H.V. Cert. A. TINDLE, S.R.N., S.C.M. M. E. MADDEN, S.R.N., S.R.C.N., S.C.M. (Part 1), H.V. Cert.

## STAFF OF THE PUBLIC HEALTH DEPARTMENT—*cont.*

Municipal Midwives ... .. M. HALL, S.R.N., S.C.M.  
M. CARRUTHERS, S.C.M.  
E. MOONEY, S.C.M.  
A. BROWN, S.C.M.  
E. BUXTON, S.R.N., S.R.F.N., S.C.M. (Q.N.).  
E. BRIGGS, S.E.A.N., S.C.M.  
E. SIMPSON, S.C.M.

District Nurses ... .. J. A. WAKE, S.R.N., S.C.M.  
M. RICHMOND, S.R.N.  
M. LOGGAN, S.R.N., S.C.M., S.R.F.N.  
C. THOMSON, S.R.N.  
A. ROWLEY, S.E.A.N.  
M. DIXON, S.E.A.N.  
E. H. THOMAS, S.E.A.N.  
M. W. TIMNEY, S.E.A.N.

## LUNACY AND MENTAL TREATMENT—DULY AUTHORIZED OFFICERS

B. O. BLAGBURN.  
A. LOGAN, A.C.C.S.  
W. R. MILLER.

## PUBLIC ANALYST

W. GORDON CAREY, F.R.I.C.

PUBLIC HEALTH DEPARTMENT,  
TYNEMOUTH.

September, 1954.

*To the Mayor, Aldermen and Councillors of the  
County Borough of Tynemouth.*

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have the honour to submit my Annual Report on the sanitary conditions of the Borough, and the state of health of the community, for the year 1953.

Comprehensive statistical information relating to the various aspects of public health are presented in the body of the report.

All the figures relating to vital statistics compare favourably with the National averages for the year under review, except those concerned with the infantile mortality rate, which, although showing a considerable reduction on last year's figure are slightly higher than those for the Great Towns.

The incidence of certain infectious diseases was greater than that which occurred in 1952, scarlet fever, whooping-cough and measles having been more prevalent. Scarlet fever was again of a mild character and neither it nor whooping-cough was responsible for any fatalities. One child, unfortunately, died as a result of measles. There were no notified cases of either diphtheria or acute anterior poliomyelitis.

The death rate from tuberculosis evinced a further dramatic fall. The number of deaths was 11, which however cannot be regarded as being representative of the present average, that being more of the order of the corresponding figures for 1951 and 1952, which were 28 and 26 respectively.

Unfortunately, cancer continues to claim a steadily increasing number of victims, the death rate for the year 1953 being the highest yet recorded.

It is with pleasure that I have to report that the happy and effective liaison which has always existed between this Department and the medical services administered by the Regional Hospital Board and the Local Executive Council, has been maintained.



I desire once again to express my gratitude to the officers and other members of the staff of the Public Health Department for the excellent work they have carried out during the year. I also wish to express my thanks to colleagues in other departments who have assisted me in the provision of data for inclusion in this report.

To the Chairman and members of the Health Committee and the members of the Council, I desire to tender my thanks for their support and consideration, and also for their interest in the work of the Department during the year.

I have the honour to remain,

Your obedient Servant,

R. H. DAWSON,

*Medical Officer of Health.*

## PUBLIC HEALTH COMMITTEES.

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The committees of the Local Authority, which control matters relating to communal health, are :—

- (a) **The Health Committee**, which consists of thirteen members of the Local Authority, two of whom are representatives of the Local Education Authority ;
- (b) **The Health Sub-Committee**, which consists of the whole of the members of the Health Committee, together with co-opted representatives of the Local Executive Council, the South East Northumberland Hospital Management Committee and the Local Medical Committee ;
- (c) **The Maternity and Child Welfare Sub-Committee**, consisting of six members of the Health Committee and \*four co-opted members.
- (d) **The Mental Treatment Sub-Committee**, consisting of eight members of the Health Committee and \*five co-opted members.
- (e) **The Tuberculosis Care Sub-Committee**, consisting of five members of the Council, including the Mayor, and \*five co-opted members.
- (f) **A Voluntary Tuberculosis Care Committee** which was constituted during the year, with the object of raising funds by various voluntary efforts, to supply such articles as bedding, clothing, and extra nourishment, to necessitous cases of tuberculosis. A special section in the body of this report deals with the activities of this Committee (see page 21).
- (g) **The Fire Brigade Committee**, being the Committee responsible for the routine administration of the Ambulance Service on behalf of the Health Committee, consists of twelve members of the Council, including the Mayor, plus one representative of the Health Committee, namely the Chairman of that Committee. In the event of the Chairman of the Health Committee being an ordinary member of the Fire Brigade Committee, another member of the Health Committee shall be appointed a member of the Fire Brigade Committee. The ambulance service is operated conjointly with the fire service.

\*These co-opted members are appointed by the Council from any nominations received when the Committees are elected in May of each year.

## STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

### SOCIAL CONDITIONS.

Area 4,604 acres, plus 80 acres inland water, 150 acres  
foreshore and 185 acres half River Tyne

Population Registrar General's 1951 Census	...	...	...	66,564
Population (Estimated Mid Year 1953 by Registrar General)	...			66,800
Number of Private Families 1951 Census	...	...	...	19,882
Number of Private Families. 1953 Register of Electors	...			20,419
Average number of persons per family. 1953 Register of Electors				3.286
Rateable Value (1st April, 1953)	...	...	...	£487,561
Product of a penny rate (1952/53)	...	...	...	£1957

### VITAL STATISTICS.

#### Marriages and Births.

Number of Marriages	...	...	...	...	...	599
Total LIVE BIRTHS (Registrar General's figures)	...			...	...	1,251

Compiled as follows :—

		<i>Males.</i>	<i>Females.</i>
Legitimate	...	617	576
Illegitimate	...	24	34
		641	610

The NETT TOTAL LIVE BIRTHS assignable to the Borough as above (1,251) gives an ANNUAL LIVE BIRTH RATE of 18.72 per 1,000 of the population.

The LIVE BIRTH RATE for England and Wales was 15.5 per 1,000 of the population.

The percentage of ILLEGITIMATE LIVE BIRTHS to the total live births for the Borough equalled 4.6.



STILLBIRTHS during the year totalled ... .. 26

Compiled as follows :—

	<i>Males.</i>	<i>Females</i>
Legitimate ... ..	15	11
Illegitimate ... ..	—	—

The STILLBIRTH RATE for the Borough was 20.3 per 1,000 births.

The STILLBIRTH RATE per 1,000 of the population for the Borough equalled 0.32

The STILLBIRTH RATE per 1,000 of the population for England and Wales equalled 0.35

### DEATHS.

DEATHS assignable to the Borough during the year totalled ... 771

Compiled as follows :—

<i>Males.</i>	<i>Females.</i>
409	362

During the year 959 deaths were registered in the district. This figure is subject to the deduction of 250 outward transfers and the addition of 62 inward transfers, leaving a net total of 771 as shewn above.

The DEATH RATE per 1,000 of the population for the Borough equalled 11.54

The DEATH RATES per 1,000 of the population for England and Wales and the Great Towns were 11.4 and 12.2 respectively.

### INSTITUTIONAL DEATHS.

Deaths of persons belonging to the Borough which occurred in Hospitals, etc., were as follows :—

Preston Hospital ... ..	169
Tynemouth Victoria Jubilee Infirmary ...	48
Frater Maternity Home ... ..	—
Moor Park Isolation Hospital ... ..	1
Priory Nursing Home ... ..	1
*Holmlands ... ..	50
*The Elms ... ..	—
Cleveland Villa Nursery ... ..	—
St. Margaret's Home ... ..	5
Other Institutions outside the Borough....	50
	<hr/>
	324

42% of all deaths of residents of the Borough took place in Institutions.

\* This is National Assistance Act, 1948, Part III accommodation. The figure includes 25 deaths relating to persons originally residing outside the Borough, but who are now reckoned as 'residents' by the Registrar General.

Registrar-General's List of Causes of Death at different periods  
of life in the County Borough of Tynemouth during 1953.

MALES.

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 to 75	75 and over	Total all Ages
1	Tuberculosis, respiratory ...	—	—	—	—	—	4	2	—	6
2	Tuberculosis, other ...	—	—	—	1	—	—	—	2	3
3	Syphilitic disease ...	—	—	—	—	1	1	1	—	3
4	Diphtheria ...	—	—	—	—	—	—	—	—	—
5	Whooping cough ...	—	—	—	—	—	—	—	—	—
6	Meningococcal infections ...	—	—	—	—	—	—	—	—	—
7	Acute poliomyelitis ...	—	—	—	—	—	—	—	—	—
8	Measles ...	—	—	—	—	—	—	—	—	—
9	Other infective and parasitic diseases ...	—	—	—	—	—	1	—	—	1
10	Malignant neoplasm, stomach...	—	—	—	—	—	4	5	4	13
11	Malignant, neoplasm, lung, bronchus ...	—	—	—	—	2	13	6	3	24
12	Malignant neoplasm, breast ...	—	—	—	—	—	—	—	—	—
13	Malignant neoplasm, uterus ...	—	—	—	—	—	—	—	—	—
14	Other malignant and lymphatic neoplasms ...	—	1	—	—	3	11	13	12	40
15	Leukaemia, aleukaemia ...	—	—	—	—	1	1	—	1	3
16	Diabetes ...	—	—	—	—	—	—	—	2	2
17	Vascular lesions of nervous system ...	—	—	—	—	—	12	26	20	58
18	Coronary disease, angina ...	—	—	—	—	3	16	22	15	56
19	Hypertension with heart disease	—	—	—	—	—	3	6	4	13
20	Other heart disease ...	—	—	—	—	1	11	16	35	63
21	Other circulatory disease ...	—	—	—	—	—	2	4	10	16
22	Influenza ...	—	—	—	—	—	1	—	—	1
23	Pneumonia ...	2	—	—	—	1	2	4	5	14
24	Bronchitis ...	—	—	—	—	—	7	10	3	20
25	Other diseases of respiratory system ...	1	—	—	—	1	—	2	—	4
26	Ulcer of stomach and duodenum	—	—	—	—	1	4	1	1	7
27	Gastritis, enteritis and diarrhoea	—	—	—	—	1	—	—	—	1
28	Nephritis and nephrosis ...	—	—	—	—	—	2	1	—	3
29	Hyperplasia of prostate ...	—	—	—	—	—	—	2	2	4
30	Pregnancy, childbirth, abortion	—	—	—	—	—	—	—	—	—
31	Congenital malformations ...	4	—	—	—	—	—	—	—	4
32	Other defined and ill-defined diseases ...	9	1	1	1	2	6	6	4	30
33	Motor vehicle accidents ...	—	—	—	—	4	2	—	—	6
34	All other accidents ...	1	—	—	—	—	2	1	3	7
35	Suicide ...	—	—	—	—	2	3	1	1	7
36	Homicide and operations of war	—	—	—	—	—	—	—	—	—
	Totals ...	17	2	1	2	23	108	129	127	409

Deaths under one year of age :—

Legitimate male children ... 16.  
Illegitimate male children ... 1.



**Registrar-General's List of Causes of Death at different periods  
of life in the County Borough of Tynemouth during 1953.**

**FEMALES.**

Short List No.	Causes of Death.	Under 1 Year	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 to 75	75 and over	Total all Ages
1	Tuberculosis, respiratory ...	—	—	—	—	1	—	—	—	1
2	Tuberculosis, other ...	1	—	—	—	—	—	—	—	1
3	Syphilitic disease ...	—	—	—	—	—	1	—	1	2
4	Diphtheria ...	—	—	—	—	—	—	—	—	—
5	Whooping cough ...	—	—	—	—	—	—	—	—	—
6	Meningococcal infections ...	—	—	—	—	—	—	—	—	—
7	Acute poliomyelitis ...	—	—	—	—	—	—	—	—	—
8	Measles ...	—	—	1	—	—	—	—	—	1
9	Other infective and parasitic disease ...	—	—	—	—	—	—	1	—	1
10	Malignant neoplasm, stomach...	—	—	—	—	—	1	5	3	9
11	Malignant neoplasm, lung, bronchus ...	—	—	—	—	—	2	—	2	4
12	Malignant neoplasm, breast ...	—	—	—	—	3	8	2	—	13
13	Malignant neoplasm, uterus ...	—	—	—	—	—	5	2	1	8
14	Other malignant and lymphatic neoplasms ...	—	—	1	—	4	10	10	8	33
15	Leukaemia, aleukaemia ...	—	—	—	—	—	1	2	—	3
16	Diabetes ...	—	—	—	—	—	—	1	1	2
17	Vascular lesions of nervous system ...	—	—	—	—	3	5	16	26	50
18	Coronary disease, angina ...	—	—	—	—	—	10	12	15	37
19	Hypertension with heart disease ...	—	—	—	—	—	2	4	3	9
20	Other heart disease ...	—	—	—	—	1	9	16	54	80
21	Other circulatory disease ...	—	—	—	—	1	1	2	10	14
22	Influenza ...	—	—	—	—	1	1	—	3	5
23	Pneumonia ...	2	—	—	—	—	1	4	5	12
24	Bronchitis ...	—	—	—	—	—	1	6	5	12
25	Other diseases of respiratory system ...	—	—	—	—	—	—	1	1	2
26	Ulcer of stomach and duodenum	—	—	—	—	—	1	—	1	2
27	Gastritis, enteritis and diarrhoea	1	—	—	—	—	—	—	1	2
28	Nephritis and nephrosis ...	—	—	—	—	—	1	1	1	3
29	Hyperplasia of prostate ...	—	—	—	—	—	—	—	—	—
30	Pregnancy, childbirth, abortion	—	—	—	—	3	—	—	—	3
31	Congenital malformations ...	2	1	—	—	1	—	—	—	4
32	Other defined and ill-defined diseases ...	16	—	—	1	2	2	4	10	35
33	Motor vehicle accidents ...	—	—	—	1	—	—	—	—	1
34	All other accidents ...	1	—	—	—	—	1	2	5	9
35	Suicide ...	—	—	—	—	—	2	2	—	4
36	Homicide and operations of war	—	—	—	—	—	—	—	—	—
Totals ...		23	1	2	2	20	65	93	156	362

Deaths under one year of age:—

Legitimate female children ... 23.  
 Illegitimate female children ... —.

## PRINCIPAL CAUSES OF DEATH.

	No. of Deaths.	Proportion of Deaths per 1,000 Deaths from all causes.
Total All Causes ... ..	771	
Cardio-Vascular Diseases ...	288	373.5
Vascular Lesions of Nervous System	108	140.0
Respiratory Diseases ... .. (excluding Tuberculosis)	70	90.7

### Cancer.

#### Deaths and Death Rates.

	1910 -14	1915 -19	1920 -24	1925 -29	1930 -34	1935 -39	1940 -44	1945	1946	1947	1948	1949	1950	1951	1952	1953
Deaths ...	244	287	319	315	403	474	529	95	122	114	124	99	128	104	139	144
Death Rate per 1,000 living ...	0.82	1.00	0.99	0.95	1.23	1.42	1.89	1.62	1.91	1.75	1.87	1.48	1.93	1.57	2.07	2.15
Proportion of deaths per 1,000 deaths from all causes ...	51	56	72	74	99	117	125	119	153	147	155	130	147	126	179	186

## MATERNAL MORTALITY.

### COMPARATIVE TABLE OF MATERNAL DEATHS FOR PAST 10 YEARS.

Year.	Live Births.	Birth Rate.	TYNEMOUTH.		England and Wales Maternal Mortality per 1,000 live and stillbirths.
			No. of Maternal Deaths (R.G.)	Maternal Mortality per 1,000 live and stillbirths.	
1944	1,252	21.90	0	0.00	1.93
1945	1,144	19.47	2	1.75	1.79
1946	1,358	21.32	0	0.00	1.43
1947	1,433	22.02	5	3.39	1.17
1948	1,291	19.54	2	1.51	1.02
1949	1,311	19.72	2	1.48	0.98
1950	1,174	17.71	3	2.46	0.86
1951	1,228	18.52	2	1.58	0.79
1952	1,222	18.26	1	0.80	0.72
1953	1,251	18.72	3	2.34	0.76
Average of 10 years.	1,266	19.71	2.0	1.53	1.14

A five-yearly average, set out below, shows the progressive decline in the number of Maternal Deaths.

<i>Period.</i>					<i>Average.</i>
1910/14	...	...	...	...	8.8
1915/19	...	...	...	...	8.0
1920/24	...	...	...	...	4.8
1925/29	...	...	...	...	5.8
1930/34	...	...	...	...	6.2
1935/39	...	...	...	...	3.2
1940/44	...	...	...	...	2.6
1945/49	...	...	...	...	2.2

#### **INFANTILE MORTALITY RATES OF CHILDREN UNDER ONE YEAR OF AGE.**

Deaths of resident infants under 1 year of age totalled 40 (52 in 1952) of which 33 were related to children who did not survive for more than 4 weeks. Of these 40 deaths, 28 occurred in institutions.

The Infantile mortality rate, per 1000 live births, for the Borough equalled 31.9. The corresponding figures for England and Wales, and for the Great Towns, were 26.8 and 30.8 respectively.



# BIRTHS AND BIRTH RATES, DEATHS AND DEATH RATES, IN WARDS.

\*BIRTHS.

\*\*DEATHS.

Ward.	Ward popln.	Still births.	No. of Live Births. (Residents only)				Live Birth rate per 1,000 of Ward popln.	% of illeg. Births per total Births.	No. of Deaths.				Death rates per 1,000 of Ward poplns.	
			Male.		Female.				Total Deaths	Resi-dents.	Non-Resi-dents.	Resi-dents.	Non-Resi-dents.	
			Legmt.	Illeg.	Legmt.	Illeg.								
CHIRTON ...	8,026	—	70	1	66	6	17.8	5.0	82	—	82	12.0	—	
COLLINGWOOD	10,258	2	97	2	100	3	19.6	2.4	74	12	86	7.2	1.1	
CULLERCOATS	7,215	—	75	2	73	1	20.9	2.0	85	1	86	11.7	0.01	
DOCKWRAY ...	6,370	4	44	6	66	5	19.0	9.1	85	—	85	13.3	—	
LINSKILL ...	6,227	4	62	2	41	1	17.0	2.8	109	184†	293	17.5	29.5	
PERCY ...	7,574	6	94	2	81	4	23.9	3.3	78	—	78	10.3	—	
PRESTON ...	6,224	2	28	—	34	—	10.1	—	76	50‡	126	12.2	8.0	
TRINITY ...	7,214	4	86	1	89	4	24.9	2.7	91	1	92	12.6	0.2	
TYNEMOUTH ...	7,792	3	60	1	47	2	14.1	2.7	89	4	93	11.4	0.6	

\* As per notification, adjusted by transfers.

\*\* As per local register weekly returns, adjusted by transfers.

† Consists mainly of deaths in Preston Hospital.

†† Consists mainly of deaths in Tynemouth Victoria Jubilee Infirmary.

The following is a table of Statistics relating to the Borough since its incorporation in 1849, illustrating the increase in population and decrease in both birth and death rates.

Year.	Population.	Nett Deaths.	Death Rate per 1,000 of Population.	Nett Births.	Live Birth Rates per 1,000 of Population.
1849	28,448	—	—	—	—
1871	38,941	—	—	—	—
1873	39,923	929	23.3	1,557	39.0
1874	40,424	1,075	26.6	1,542	38.1
1875	40,932	963	23.5	1,607	39.2
1880	43,533	928	21.3	1,521	34.9
1885	46,600	960	20.2	1,612	33.9
1890	46,403	973	20.9	1,533	33.0
1895	48,632	984	20.2	1,533	31.5
1900	51,038	1,074	21.0	1,649	32.3
1901	51,520	1,007	19.5	1,780	34.5
1902	52,224	1,009	19.3	1,753	33.5
1903	52,938	969	18.3	1,734	32.7
1904	53,661	1,031	19.2	1,851	34.5
1905	54,394	1,066	19.6	1,775	32.6
1906	55,137	1,022	18.5	1,759	31.8
1907	55,891	926	16.5	1,796	32.1
1908	56,654	951	16.8	1,896	33.4
1909	57,428	958	16.7	1,874	32.6
1910	58,223	971	16.6	1,788	30.7
1911	59,008	927	15.7	1,653	28.0
1912	59,809	957	16.0	1,734	28.9
1913	60,601	951	15.6	1,748	28.8
1914	60,688	992	16.3	1,736	28.6
1915	58,199	1,038	17.8	1,549	26.6
1916	57,192	968	16.9	1,573	25.2
1917	57,591	895	15.5	1,416	22.0
1918	55,758	1,141	20.4	1,471	23.5
1919	58,007	1,064	18.3	1,613	26.5
1920	60,541	956	15.8	1,947	32.1
1921	63,900	877	13.7	1,708	26.7
1922	64,640	855	13.2	1,618	25.03
1923	65,330	833	12.75	1,576	24.12
1924	65,940	900	13.64	1,521	23.06
1925	66,180	901	13.61	1,452	21.94
1926	66,560	766	11.5	1,341	20.14
1927	67,030	863	12.86	1,337	19.93
1928	66,030	833	12.62	1,252	13.9
1929	65,880	862	13.08	1,203	18.26
1930	65,880	787	11.94	1,280	19.41
1931	64,720	814	12.57	1,276	19.71
1932	65,630	748	11.41	1,238	18.86
1933	65,770	873	13.27	1,135	17.25
1934	65,950	840	12.73	1,172	17.77
1935	67,350	824	12.23	1,201	17.38
1936	66,800	773	11.57	1,209	18.1
1937	66,880	858	12.83	1,087	16.25
1938	66,510	797	11.98	1,104	16.6
1939	65,220	792	12.14	1,119	16.7
1940	59,730	840	14.06	1,060	17.74
1941	56,240	1,066	18.95	897	15.95
1942	53,500	787	14.71	908	16.97
1943	52,370	780	14.89	1,019	19.45
1944	57,100	816	14.29	1,252	21.90
1945	58,760	797	13.56	1,144	19.47
1946	63,690	796	12.47	1,358	21.32
1947	65,070	772	11.86	1,433	22.02
1948	66,050	800	12.11	1,291	19.54
1949	66,480	762	11.46	1,311	19.72
1950	66,270	871	13.14	1,174	17.71
1951	66,300	825	12.44	1,228	18.52
1952	66,900	774	11.56	1,222	18.26
1953	66,800	771	11.54	1,251	18.72



**SEPARATE OCCUPIERS.**

During 1953, lists of Separate Occupiers were compiled from information obtained from the Electors' Register, and set out below are details shown in Wards.

<i>Ward.</i>	<i>Number of Separate Occupiers.</i>			
Chirton ... ..	...	...	...	2,450
Collingwood ... ..	...	...	...	3,131
Cullercoats ... ..	...	...	...	2,202
Dockwray ... ..	...	...	...	1,944
Linskill ... ..	...	...	...	1,901
Percy ... ..	...	...	...	2,312
Preston ... ..	...	...	...	1,900
Trinity ... ..	...	...	...	2,202
Tynemouth ... ..	...	...	...	2,377
Total ...				<hr/> 20,419

Based on the Registrar-General's estimated population for the year 1952, *i.e.* 66,900, the local average of persons per family equalled 3.286.

# METEOROLOGY.

## Air Temperatures and Rainfall.

LAT. 55° 1' N.

LONG. 1° 25' W.

1953.	Air Temperature in Degrees Fahrenheit.		Rainfall.	
	Absolute.		Total Fall.	Percentage of average.
	Max.	Min.	ins.	%
January ...	54	26	1.11	68
February ...	56	29	1.21	88
March ...	68	29	0.03	2
April ...	55	33	2.17	153
May ...	—	39	—	137
June ...	66	43	1.69	80
July ...	74	49	2.33	97
August ...	74	50	—	—
September ...	73	45	1.04	58
October ...	70	35	1.15	38
November ...	58	37	1.13	53
December ...	56	31	—	—

## REGISTRATION OF NURSING HOMES.

The only private nursing home in the County Borough, the Priory Nursing Home, 53, Percy Park, Tynemouth, closed on 31st March, 1953. A contributory cause of this sad occasion was the insistence of the Local Fire Prevention Authority, that the proprietrix should go to the considerable expense of erecting an external fire escape at her premises.

The closing of these premises was a matter for deep regret, as this nursing home provided an excellent and popular service, not only to the residents of the County Borough of Tynemouth, but to patients coming from neighbouring townships.

No new applications to establish nursing homes were received during the year.

## NURSES ACT 1943.

There are no Nurses Agencies licensed under Section 8 of the Nurses Act 1943, within the area of the County Borough of Tynemouth.

## NURSERIES AND CHILD MINDERS REGULATION ACT, 1948.

No premises or persons have yet been registered with the Council of the County Borough of Tynemouth, under the provisions of the above Act.

## BLIND PERSONS.

The total number of blind persons on the register of the Welfare Department at the end of the year was 134. An analysis of cases examined during the year for the purpose of registration is contained in the following tables.

No. of Forms B.D.8 received during year	Certified Blind	Certified Partially Sighted	Neither Blind nor Partially Sighted	Cases of Retrolental Fibroplasia in Premature Infants	No. Blinded by Glaucoma where treatment not given prior to certification
46	22	13	11	Nil	Nil

### A. Follow-up of Registered Blind and Partially Sighted Persons.

(i) Number of cases registered during the year in respect of which para. 7(c) of Forms B.D.8 recommends :—	CAUSE OF DISABILITY			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
(a) No treatment ...	2	1	Nil	Nil
(b) Treatment (medical, surgical or optical) ...	10	1	Nil	1
(ii) Number of cases at (i)(b) above which on follow-up action have received treatment ... ..	7	1	Nil	Nil



**B. Ophthalmia neonatorum.**

(i) Total number of cases notified during the year ... ..	Nil
(ii) Number of cases in which :—	
(a) Vision lost ... ..	Nil
(b) Vision impaired ... ..	Nil
(c) Treatment continuing at end of year ... ..	Nil

**NATIONAL ASSISTANCE ACTS.**

During the year, Orders were sought under the provisions of Section 47 of the National Assistance Act, 1948, and the 1951 Amendment Act thereto, in respect of three elderly persons, all females, for their compulsory removal to residential accommodation administered by the Local Authority, or to hospital.

In one case removed to residential accommodation, the validity of the Order granted under the provisions of Section 47 of the Act extended over a period of three months. On the expiry of that period, the elderly lady concerned, aged 90, elected to remain voluntarily in the Home to which she had been removed.

Of the other two cases, elderly females residing alone, one suffered from a grave cardiac condition, complicated by varicose ulceration of the legs, the other from extensive buccal ulceration. Both were the subject of Orders granted on the presentation of emergency certificates in accordance with the requirements of the Amendment Act. After the expiry of the statutory three week period one of the individuals concerned elected to remain voluntarily in hospital until the completion of treatment, whilst the other, at her own request, was discharged to her home in an improved condition.

**LABORATORY FACILITIES**

Bacteriological specimens are examined by the Public Health Laboratory Service, which is directed by the Medical research Council for the Ministry of Health at the Public Health Laboratory, Government Buildings, Ponteland Road, Newcastle upon Tyne, 5.

# NATIONAL HEALTH SERVICE ACT, 1946

## PART III.

### HEALTH CENTRES (Sec. 21).

The Borough Surveyor has now been authorised to prepare draft plans of a new Health Centre, and a site in the central part of the Borough has been earmarked for this building.

Owing to marked overcrowding at the Education Department South Preston Villa, the School Health Service Clinic, together with staff, was transferred to the Public Health Department on 1/4/53, occupying part of the premises vacated as the result of the transference of the Female V.D. Clinic to Preston Hospital. This was a move in the right direction as greater integration has now been obtained between the Infant Welfare and School Health Services.

### CARE OF MOTHERS AND YOUNG CHILDREN (Sec. 22).

#### Institutional Provision for Unmarried Mothers and Illegitimate Infants and other Children.

Under the above provisions, the following work was done during the year.

**Tynemouth Moral Welfare Association.** (Voluntary—Subsidised by Council). Cases investigated 76. Cases placed in homes 18. 989 visits were paid and received.

There are no mother and baby homes established in the County Borough of Tynemouth, and no arrangement exists between the Local Health Authority and any home of this nature outside the area.

The work of the Tynemouth Moral Welfare Association, with the assistance of a small financial subsidy granted by the Local Health Authority, in placing unmarried expectant mothers in appropriate homes for their confinements, is highly commendable, and this voluntary service is greatly appreciated by the Health Committee.

#### CARE OF PREMATURE INFANTS.—*i.e.* babies weighing 5½ lbs. or less at birth, irrespective of period of gestation.

Number of premature live born infants notified during the year (including transferred notifications) whose mothers normally reside in Tynemouth area :—

(i)	Born at home	...	...	...	...	...	23
(ii)	Born in private nursing home	...	...	...	...	...	Nil
(iii)	Born in hospital	...	...	...	...	...	81

Out of these 104 cases of prematurity, 14 died within 24 hours, 9 survived 24 hours but died within 28 days, and 81 were still surviving after 28 days. 15 premature stillbirths occurred in hospital and 5 at home.



## **CHILD WELFARE CENTRES.**

Three sessions are held weekly at the Central Clinic at the Public Health Department and one weekly session at each of the three subsidiary clinics, sited at widely separate points of the Borough at Meadowell School, Ridges Estate, Y.M.C.A. Buildings, New York Village and at Y.M.C.A. Buildings, Cullercoats.

784 children under one year of age attended these clinics for the first time during the year, and altogether a total of 1,665 children under five years of age made 8,649 attendances.

## **CARE OF ILLEGITIMATE CHILDREN.**

As in previous years special attention has been given by the Health Visiting staff to the close supervision of this class of children. In addition the Visitor of the Tynemouth Moral Welfare Association has devoted much time to the surveillance of homes where there are illegitimate children. (See also under Tynemouth Moral Welfare Association on Page 13.)

## **PROMOTION OF CLEANLINESS AMONGST YOUNG CHILDREN.**

Special efforts have been made by the Health Visitors and School Nurses to reduce the incidence of Scabies and of verminous conditions. Much work relating to disinfestation of children is carried out regularly at the School Clinic.

## **NURSERY SCHOOLS.**

There are two Nursery Schools administered by voluntary organisations in the Borough. Both schools have places for 80 children.

As anticipated in my Annual Report for 1952, the Lovaine Day Nursery, which was opened in March, 1943 as a War Time Day Nursery, was closed on 28th February, 1953, largely as a result of the introduction of a full economic charge in place of the charge hitherto made for meals only.

It is worthy of note that there has not been a single request from the public for Day Nursery accommodation since this particular nursery ceased to function.

## **STAFF MEDICAL EXAMINATIONS, ETC.,**

Considerable attention has been given during the year by the Medical Staff, to the examination of staff personnel, for various reasons. 41 persons were examined for superannuation purposes, 10 because they had attained the age of 65, 10 Fire Service personnel undergoing training, and 31 students about to enter the teaching profession. In addition 44 investigations were made with general practitioners in connection with staff sickness problems.

**REPORT BY R. W. ESSENHIGH, SENIOR SCHOOL DENTAL OFFICER,  
ON THE DENTAL TREATMENT PROVIDED FOR EXPECTANT  
AND NURSING MOTHERS AND YOUNG CHILDREN DURING  
1953.**

The dental inspection of expectant and nursing mothers and pre-school children was continued during 1953 at a special session each Monday afternoon at the Public Health Department.

The mothers who were dentally examined numbered 36 and of these the majority required some form of treatment.

Where treatment was considered urgent these patients were referred to local private practitioners for this to be carried out under the provisions of the National Health Service.

The pre-school children who were examined numbered 101 and were in many cases found to require medical treatment for assistance in the calcification of their teeth.

Calcium in capsules and other forms was distributed during the year in considerable amounts and a continued improvement in the general and dental health of these patients was again noted.

As mentioned in previous reports the examination and treatment of the younger children continues to assist the School Dental Service by improving the dental conditions of the school entrants and also by introducing to them the regular dental inspections and treatment of their later school life.

Thanks are again due to the Medical and Nursing Staffs for their valuable co-operation and assistance during the year.

Out of a total of 240 examinations (New cases—expectant mothers 36, pre-school children 101, and re-visits of both classes of patient 103) treatment was prescribed in 123 cases, 97 were referred to private practitioners, 7 to the School Dental Clinic, and 13 did not require treatment.



### ULTRA-VIOLET LIGHT CLINICS.

Clinics are held twice each week at the Public Health Department. Conditions treated during the past year were—Debility 40; Other conditions 12; a total of 52 cases, who made 195 attendances.

### MILK (MOTHERS AND CHILDREN) ORDER.

Dried milk and other foods are sold during the various Maternity and Child Welfare sessions. The local branch of the W.V.S. continued to provide invaluable assistance in this work. During the year, a total of 2,880 lbs. of dried milk was distributed, as against a total of 5,112 lbs. during the previous year.

The total amount expended by the Local Authority on the purchase of dried milk during the year was £372. 12s. 0d., all of which was recovered by way of sales to mothers attending the various child welfare centres.

The local Food Office was responsible for the distribution of 66,214 20 oz. tins of National Dried Milk, 10,769 bottles of cod liver oil, 45,429 bottles of orange juice and 3,218 packets of cod liver oil capsules.

## MIDWIFERY (Sec. 23).

### ANTE-NATAL AND POST-NATAL CLINICS.

The Assistant M.O.H. holds 8 ante-natal sessions per month. During the year 337 women attended (270 for the first time). A total of 1,248 attendances were recorded. There was a decrease of 49 in the number of women who attended, against last year's figures.

Post-natal clinics are held twice per month. 98 women attended, making a total of 103 attendances. This showed an increase over last year's figure of 27 women attending.

An Ante-Natal Clinic is also held at Preston Hospital, for the convenience of patients booking at this institution.

### MEDICAL AID UNDER SECTION 14 (1) OF THE MIDWIVES' ACT, 1951.

Number of cases in which medical aid was summoned during the year under Section 14 (1) of the Midwives' Act, 1951, by a Midwife:—

(a) For Domiciliary cases:—							
(i) Where the Medical Practitioner had arranged to provide the patient with maternity medical services under the National Health Service. . . . .							
							5
(ii) Others. . . . .							
							61
(b) For cases in Institutions . . . . .							
							Nil.

### MATERNITY OUTFITS.

444 Sterilised Maternity Packs were issued free of charge to expectant mothers.

## **ANALGESIA.**

Training courses in the administration of Gas and Air analgesia are available at the Obstetrics and Gynaecology Department of Newcastle General Hospital. All the seven Municipal Midwives are now qualified to administer analgesia.

Thirteen Institutional midwives employed in Homes and Hospitals within the area of the County Borough of Tynemouth are also qualified.

During the year Municipal Midwives administered Gas and Air Analgesia to 267 cases, and pethidine to 286 cases. These midwives have 8 sets of apparatus available for use.

## **MATERNITY CASES ATTENDED.**

The work of the domiciliary midwives shows a slight increase in the number of cases attended—417 in 1953 as against 406 in 1952.

Cases attended by midwives acting as such totalled 233 and 184 by midwives acting as maternity nurses.

The number of cases attended in 1953 by midwives acting as maternity nurses showed an increase of 66 over the previous year, illustrating an increasing tendency on the part of expectant mothers, to prefer the attendance of her family doctor at her confinement.

Midwives employed in institutions within the Borough area, dealt with 1,156 cases, which figure includes 493 non-residents.

## **NOTIFICATION OF BIRTHS.**

A total of 1,755 births including non-residents was notified during the year (1,709 live and 46 stillbirths).

Six births were not notified, but immediately on the requirements of the Public Health Act, 1936, being brought to the notice of the persons concerned, these were officially intimated.

## **PUERPERAL PYREXIA.**

During the year 12 cases of puerperal pyrexia occurred in domiciliary confinements, 8 in midwives cases, and 4 in maternity nurses cases.

### **HEALTH VISITING (Sec. 24).**

During the year Health Visitors visited 6,145 children under 5, paying 6,285 visits to children under 1; 3,116 to children between 1 and 2, and 8,701 visits to children between 2 and 5.

Expectant mothers received 111 visits and 1505 visits were paid to miscellaneous other cases, such as aged persons, and cases of infectious diseases.

In addition 3,894 ineffective visits were made.

### **HOME NURSING (Sec. 25).**

Eight whole time district nurses are under the direct control of the Superintendent Nursing Officer, who is a member of the staff of the Public Health Department. All requests for the services of a district nurse must be supported by a certificate from the patient's own doctor.

The number of cases referred to this service by out-patient departments of local hospitals, is increasing. Many patients have expressed satisfaction with this arrangement and it also eases the congestion at Hospital out-patient waiting rooms.



During the year, the district nurses paid 20,835 visits to 871 patients.

Details are illustrated in the following table :—

	Medical	Surgical	Infectious Diseases	Tuberculosis	Maternal Complications	Others	TOTAL
Cases	440	258	6	30	16	121	871
Visits	14,708	4,310	13	447	96	1,261	20,835

Loan equipment, is available free of charge and considerable use of this service has been made by patients.

Articles available on loan.

No. of occasions issued during the year.

Rubber air rings	...	...	31
Back rests	...	...	17
Bed cradles	...	...	3
Rubber cushions	...	...	8
Invalid chairs...	...	...	4
Mackintosh sheets	...	...	51
Rubber bed pans	...	...	1
Steel bed pans	...	...	31
Spinal carriage	...	...	Nil
Urinals...	...	...	15
Water beds	...	...	Nil

### VACCINATION AND IMMUNISATION (Sec. 26).

Efforts to have infants vaccinated are still being continued by direct approach to parents by health visitors and by postal reminders.

Record cards received from general practitioners show that 230 children under one year of age were vaccinated in 1953, as against the same number in 1952.

In addition 82 other persons were vaccinated and 50 were re-vaccinated.

NUMBER OF PERSONS VACCINATED (or re-vaccinated) DURING 1953							
Age at date of Vaccination ... ..	Under 1	1	2 to 4	5 to 14	15 or over	Total	
Number Vaccinated ...	230	11	14	16	41	312	
Number re-vaccinated ...	—	—	1	8	41	50	

No generalised vaccinia or other complications were reported during the year.

### DIPHTHERIA.

#### IMMUNISATION.

Facilities are available for Diphtheria Immunisation at the Schools and at the various Maternity and Child Welfare Centres.

During the year, 916 children received a complete course of injections—129 were school children and 787 were pre-school children.

In addition, 675 children of all ages were given reinforcing injections.



### IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of Children at 31st December, 1953, who had completed a course of Immunisation **at any time before that date** (i.e. at any time since 1st January, 1939).

Age at 31/12/53 i.e. Born in Year	Under 1 1953	1 — 4 1952-1949	5 — 9 1948-1944	10 — 14 1943-1939	Under 15 Total
Last complete course of injections (whether primary or booster) 1949—1953 ...	37	2,959	4,575	796	8,367
1948 or earlier ...	—	—	1,003	3,191	4,194
Estimated mid-year child population ...	1,190	4,710	10,400		16,300

It is estimated that at 31st December, 1953, 77.06% of the child population (*i.e.*, children under 15 years of age) had been immunised, as compared with 74.15% in 1952.

### ATTACK AND MORTALITY RATES.

The following table illustrates the incidence of Diphtheria in the Borough since 1901. The figures are shown in five yearly periods from 1901 to 1940, and in yearly periods from 1941 to date.

Period.	Population 5 yearly average.	Total cases notified per 5 yearly period.	Attack Rates per 1,000 of the population.	Total Deaths per 5 yearly period.	Fatality Rates per 1,000 cases notified.	Fatality Rates per 1,000 of the population.
1901-1905	52,947	179	3.380	38	212	.717
1906-1910	56,666	345	6.088	49	142	.864
1911-1915	59,661	324	5.430	38	117	.636
1916-1920	57,818	182	3.147	19	105	.328
1921-1925	65,198	182	2.791	20	109	.306
1926-1930	66,286	562	8.478	36	64	.543
1931-1935	65,884	222	3.369	20	90	.303
1936-1940	65,028	561	8.627	29	35	.445
1941	56,240	182	3.236	11	60	.195
1942	53,500	218	4.074	12	55	.224
1943	52,370	87	1.661	4	46	.076
1944	57,100	132	2.311	2	15	.035
1945	58,760	115	1.957	3	26	.051
1946	63,690	63	0.989	1	16	.015
1947	65,070	11	0.169	Nil	Nil	Nil
1948	66,050	3	0.045	2	666*	.030
1949	66,480	3	0.045	Nil	Nil	Nil
1950	66,270	Nil	Nil	Nil	Nil	Nil
1951	66,300	1	0.015	Nil	Nil	Nil
1952	66,900	2	0.029	Nil	Nil	Nil
1953	66,800	Nil	Nil	Nil	Nil	Nil

\* Although there were 2 deaths this year it must be borne in mind that only 3 cases were notified, these 3 cases not having been immunised ; hence what appears to be an abnormally high fatality rate.

### **AMBULANCE SERVICE (Sec. 27).**

The Ambulance Service, consisting of 6 ambulances and 2 sitting-case cars, is operated by, and concurrently with, the Fire Service, an additional establishment of 18 firemen having been authorised for the provision of drivers and attendants.

During the year the Ambulances carried 11,617 patients a distance of 56,989 miles and the cars 6,472 patients a total of 39,374 miles.

### **PREVENTION OF ILLNESS, CARE AND AFTER CARE (Sec. 28). TUBERCULOSIS.**

#### **Chest Clinic.**

The clinic which serves the population of this Borough is located in the same building as the Public Health Department. The medical staff consists of 2 Chest Physicians.

Regular sessions for the examination of cases referred by general practitioners, or as a result of mass miniature radiography, the review of old cases, the examination of contacts, etc., are held in the morning and afternoon of 3 days per week. An additional session is set aside for treatment of ambulant cases, and special arrangements are made for B.C.G. Vaccination.

The clinic not only serves the County Borough of Tynemouth, but also the Urban Districts of Whitley Bay and Seaton Valley.

A Health Visitor of the Tynemouth staff is present at those clinic sessions during which the majority of the Tynemouth cases are examined.

#### **Contacts.**

During the year under review 207 new contacts were examined and X-rayed, and a further 28 individuals in this category were X-rayed only. Old contacts who were X-rayed and examined numbered 86. A further 206 of this class were X-rayed only. In addition to these examinations, 424 contacts were X-rayed by the Mass Miniature Radiography Unit.

Of the contacts examined, 7 were found to be suffering from tuberculosis.

#### **Domiciliary Visiting.**

During the year the Health Visitors paid 1,073 visits to the homes of individuals suffering from tuberculosis.

#### **Rehousing.**

During the year the tenancies of five per cent of the houses built by the Local Authority were allocated to families, some member of which was suffering from active pulmonary tuberculosis. The number of families rehoused under this scheme was 16.

This figure does not give a true indication of what has been achieved in this direction for several other tuberculous families were rehoused under the "points" scheme of the Corporation on the grounds of overcrowding.



### **B.C.G. Vaccination**

During the period under review B.C.G. Vaccination was restricted to child contacts who were tuberculin negative reactors, and to a small number of members of nursing staffs of local hospitals. The figures relating to children were—Children of school age, 10 ; Children of pre-school age, 32 ; Total 42.

### **Convalescent Home Treatment.**

Arrangements were made for the admission of 2 patients to a convalescent home for short periods.

### **After-care.**

As mentioned in an earlier section of this report, a voluntary Tuberculosis After Care Committee, with its own Hon. Secretary and Hon. Treasurer, was constituted during the year. Excellent work has already been done by this Committee. Twenty-one patients were supplied with bedding or clothing, 2 were assisted in defraying the cost of convalescent home treatment, 1 person was supplied with a bed, and another with driving tuition. Six patients were assisted with occupational therapy.

## **DOMESTIC HELP (Sec. 29).**

During the year, out of 164 enquiries for domestic assistance, home help was provided in 69 cases.

Of these 69 cases, 17 related to confinements, 4 to cases of tuberculosis, and 48 cases of illness amongst the aged and infirm.

An average of 5 part-time home helps were employed during the year.

## **NATIONAL HEALTH SERVICE ACT, 1946,**

### **PART V.**

### **MENTAL HEALTH.**

#### **Administration.**

The administration of the Mental Health Services of the Borough is carried out by the Mental Health Sub-Committee which meets monthly and which consists of eight members of the Health Committee and five co-opted members elected annually by the Health Committee, such appointments not being subject to confirmation by the Council. The Committee considers, and reports to the Health Committee, all matters connected with Lunacy and Mental Deficiency, with the exception of certain functions under the Lunacy Acts which are discharged by the Welfare Committee.

**Staff Employed in Mental Health Service.**

R. H. Dawson, M.B., Ch.B., D.P.H., Medical Officer of Health.

M. B. Steel, M.B., Ch.B., D.P.H., Asst. Medical Officer of Health.

3 General Practitioners for the purposes of the Mental Deficiency Acts, 1913-1938 :

N. D. Gofton, M.B., B.S.

S. C. Stonier, M.D.

J. C. Yeoman, M.B., B.S.

11 Health Visitors.

3 Duly Authorised Officers for Lunacy and Mental Treatment Acts.

3 Duly Authorised Officers for Mental Deficiency Acts (Members of the Town Clerk's Staff).

All the members of the Staff enumerated are engaged in this work on a part-time basis.

**Co-ordination with Regional Hospital Board and Hospital Management Committee (joint use of Officers).**

G. McCoull, O.B.E., V.R.D., M.D., Q.H.P., Medical Superintendent of Prudhoe and Monkton Mental Deficiency Hospital conducts a Mental Deficiency Clinic at the Tynemouth Public Health Department. During the year 10 clinics were held and the following cases dealt with :—

New Cases, 23 ; 51 cases paid secondary visits.

Patients residing in Tynemouth who are on licence from Prudhoe and Monkton Hospital are supervised by the Hospital's Welfare Officer

**Duties Delegated to Voluntary Associations.**

Nil.

**Training of Mental Health Workers.**

No special arrangements have yet been initiated for the further training of Mental Health Workers.

**Work Undertaken in the Community under Section 28 of the National Health Service Act, 1946.**

An occupation centre for the training of Mental Defectives has not yet been established in Tynemouth.



## LUNACY AND MENTAL TREATMENT ACTS.

The total number of cases dealt with by the Duly Authorised Officers during the year was 128.

Out of the total of 128 cases dealt with, 95 were admitted to Preston Hospital; 3 were admitted directly to St. George's Mental Hospital, Morpeth as voluntary patients and 5 as certified patients, and in 24 cases no action was necessary under the Lunacy Acts.

Of the 95 cases admitted to Preston Hospital, 44 were subsequently certified and transferred therefrom to St. George's Hospital, 30 were discharged home, 10 were transferred to Part III Accommodation (National Assistance Act, 1948), 4 entered St. George's Mental Hospital, Morpeth, 2 as voluntary patients, and 2 as temporary patients, 4 died in Hospital, 2 were transferred to Military Hospitals and 1 entered a Nursing Home.

Three Duly Authorised Officers working on a rota system provide a twenty-four hour service. Most cases are brought to their notice by general practitioners, the police or welfare officers, and they are usually dealt with in accordance with Section 20, Lunacy Act, 1890.

Whilst such cases are in Preston Hospital, which is designated for the purposes of the Lunacy Act, they are examined by a visiting psychiatrist, who advises regarding further treatment. Should certification be necessary, the appropriate certificate is issued by a doctor employed by the hospital and a Summary Reception Order made by a Justice of the Peace. The Duly Authorised Officer makes the necessary arrangements for the transfer of the patient to a Mental Hospital, usually St. George's, Morpeth. The Ambulance Service provides an ambulance or a sitting case car, and the ready co-operation given ensures no unnecessary delays and an efficient transfer of patients.

When the domiciliary certification of patients is necessary, arrangements are made for the Doctor, Justice of the Peace and Duly Authorised Officer to be present in the patient's home at a suitable time, and the patient is escorted to hospital immediately after the Summary Reception Order has been made.

The need for special centres for senile dementia cases is important, and it is hoped that this matter will receive consideration by the Royal Commission now reviewing the laws relating to Lunacy and Mental Deficiency.

### Work Undertaken in the Community under the Mental Deficiency Acts, 1913—1938.

Ascertainment is carried out in co-operation with Tynemouth Education Authority and general practitioners. New cases are referred to Dr. McCoull for specialist diagnosis. The number of defectives admitted to institutions during the year was 10.

The opening of Earls House, Durham, as a unit of Prudhoe and Monkton Hospital, during the latter part of the year, provided beds for some urgent cases. This action has meant much to parents of defective children and is appreciated by the parents and Local Authority alike.

11 cases were ascertained as "subject to be dealt with" and placed under statutory supervision.

112 cases were under supervision, which is carried out by the Health Visitors. No scheme for the Domiciliary training of Mental Defectives is in operation, but it is anticipated that a small service of this nature will be made available next year by the Welfare Committee.

### **INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.**

The following table shows the hospitals used by the Local Health Authority and the number of patients under treatment at the 31st December, 1953.

	Prudhoe and Monkton Hospital.	The General Hospital, South Shields	Rampton Hospital, Retford.	Durran Hill House, Carlisle.	Aycliffe Hospital, Darlington.	Northgate and District Hospital, Morpeth.
Males ...	58	5	1	—	3	2
Females ...	42	—	1	1	—	1

### **EPILEPTICS AND SPASTICS.**

It has not been possible to compile any accurate information with regard to the incidence of epilepsy and cerebral palsy in the Borough. It has been ascertained, however, as a result of information given by general practitioners and the Welfare Officer of the Authority, that it is extremely unlikely that any person suffering from either of these disabilities and residing at home, is not receiving adequate care and attention.

The Register of Handicapped Persons, compiled by the Welfare Department, contains the names and details of nine adult epileptics and ten spastics, seven of the latter being children.

The number of cases of epilepsy and cerebral palsy known to the School Health Department were eleven and three respectively.



## TUBERCULOSIS.

## New Cases and Mortality during 1953.

Age Periods.	New Cases.				Deaths			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	—	1	—	—	—	—	—	1
1- 5 ...	—	1	—	1	—	—	—	—
5-10 ...	1	—	3	3	—	—	—	—
10-15 ...	1	3	—	1	—	—	—	—
15-20 ...	4	4	2	—	—	1	1	—
20-25 ...	4	9	—	1	—	1	1	—
25-35 ...	4	11	3	—	—	—	—	—
35-45 ...	5	5	2	1	—	—	—	—
45-55 ...	10	1	3	—	4	—	—	—
55-65 ...	5	1	—	—	—	—	—	—
65 and over...	5	2	1	—	2	—	2	—
Totals ...	39	38	14	7	6	1	3	1

The following table illustrates the tuberculosis morbidity and mortality figures during the past decade.

Year	NEW CASES				DEATHS				Mortality Rate per 1,000 of population	
	Pul- monary		Non-Pul- monary		Pul- monary		Non-Pul- monary		Pulmonary	Non-Pulmonary
	M	F	M	F	M	F	M	F		
1944	48	34	16	8	35	17	3	6	0.91	0.15
1945	42	28	7	9	29	17	7	6	0.78	0.22
1946	52	19	9	6	28	17	3	3	0.76	0.09
1947	43	42	5	10	31	22	5	4	0.81	0.13
1948	40	39	9	7	23	24	7	5	0.71	0.18
1949	41	27	5	3	22	12	2	4	0.64	0.09
1950	42	34	2	8	30	18	3	2	0.72	0.07
1951	50	41	4	11	14	8	1	5	0.33	0.09
1952	62	47	12	6	14	9	0	3	0.34	0.04
1953	39	38	14	7	6	1	3	1	0.15	0.06

PREVALENCE OF INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES (other than Tuberculosis).

Period	Scarlet Fever		Whooping Cough		Acute Poliomyelitis				Measles		Diphtheria		Acute Pneumonia		Dysentery		Smallpox	
	M	F	M	F	Paralytic	M	F	Non-paralytic	M	F	M	F	M	F	M	F	M	F
FIRST QUARTER ...	10	9	17	12	...	...	...	...	88	81	...	...	3	3	...	...	...	...
SECOND QUARTER ...	8	4	39	41	...	...	...	...	213	213	...	...	1	1	...	1	...	...
THIRD QUARTER ...	3	6	40	48	...	...	...	...	41	37	...	...	1	1	...	...	...	...
FOURTH QUARTER ...	2	4	22	21	...	...	...	...	...	...	...	...	1	1	...	...	...	...
TOTALS ...	23	23	118	122	...	...	...	...	342	331	...	...	6	6	...	1	...	...
	46		240		...				673		...		12		1		...	

Period	Acute Encephalitis		Enteric or Typhoid fever		Paratyphoid fevers		Erysipelas		Meningococcal infection		Food poisoning		Puerperal Pyrexia		Ophthalmia Neonatorum		Other Notifiable Diseases	
	Infective	Post-infectious	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
FIRST QUARTER ...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...
SECOND QUARTER ...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...
THIRD QUARTER ...	...	...	...	...	1	1	...	...	...	...	...	2	...	...	...	...	...	...
FOURTH QUARTER ...	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	...
TOTALS ...	...	...	...	...	3	7	7	5	...	2	...	2	...	...	...	...	...	...



## WATER.

### General Domestic Supply.

The water supply for domestic and general use in the County Borough of Tynemouth, is provided by the water undertaking of the Local Authority, which is also responsible for supplying water to several other areas in South East Northumberland.

The water is derived from four sources, namely, an upland surface catchment area (Fontburn), springs in the same district, an appreciable quantity from the system of the Newcastle and Gateshead Water Company, and water extracted from the River Wansbeck in the vicinity of the Village of Mitford. During the year under review the relevant proportions from each of these supplies may be expressed approximately in the following percentages, Fontburn 62% ; Springs 17% ; Newcastle and Gateshead Water Company 17% ; Wansbeck 4%.

Distribution throughout the Borough is achieved through four covered service reservoirs.

The total number of samples of water derived from various points of the Corporation's water undertaking throughout the year, for the purpose of bacteriological examination was 225. Of these, 82 were obtained from piped supplies within the County Borough. A further 37 were of raw water. The remainder had their origin at various points located in that part of South East Northumberland supplied by the Tynemouth Water Department.

The few samples obtained within the County Borough of Tynemouth which failed to satisfy the accepted standards for drinking water, were in each case followed up and subsequent investigation and further samples from the same points indicated that the defects were definitely localised and of a temporary character.

**Table relating to the Bacteriological Examination of Samples of Water derived from Piped Supplies within the County Borough of Tynemouth.**

Probable No. of coliform bacilli per ml.	No. of Samples. (MacConkey—2 days at 37°C)
0	71
Up to 2	9
„ 5	1
„ 10	1
„ 50	Nil
Over 50	Nil
Total No. of Samples examined 82	

Table of Results relating to Samples of Raw Water.

Source.	No of samples, indicating probable No. of Coliform Bacilli present. (MacConkey—2 days at 37°C.).							Total No. of Samples
	0	1 to 2	3 to 5	6 to 10	11 to 50	51 to 180	Over 180	
Fontburn (upland surface)	—	2	3	1	6	1	—	13
Tomboy Springs (Fontburn) ...	—	—	—	—	—	—	—	—
Tosson Springs ...	11	—	—	1	—	—	—	12
Cartington Springs	4	4	3	—	—	—	1	12
River Wansbeck ...	—	—	—	—	—	—	—	—
TOTAL ...	15	6	6	2	6	1	1	37

The total number of samples derived from various points in the water undertaking of the Corporation, submitted for chemical analysis during the year, was 21. Of these, 8 were related to piped supplies within the County Borough. A typical result is set out in detail below. The remaining samples did not differ materially from this example.

Date received 1st September, 1953. Sample marked "5, Northumberland Square, North Shields".

#### Chemical Results.

*Parts per Million.*

Total solids dried at 180°C	...	...	...	...	...	120
Chlorine as chlorides	...	...	...	...	...	12.4
Free ammonia	...	...	...	...	...	Trace
Albuminoid ammonia	...	...	...	...	...	Trace
Nitrogen as nitrates	...	...	...	...	...	0.30
Oxygen absorbed (4 hours at 80°F)	...	...	...	...	...	4.10
Total hardness	...	...	...	...	...	95.0
Permanent hardness	...	...	...	...	...	30.0
Temporary hardness	...	...	...	...	...	65.0
Lead and Copper	...	...	...	...	...	None
Iron	...	...	...	...	...	0.2
Appearance and Colour (Hazen degrees 40)	Pale orange yellow & clear					
Smell and Taste	...	...	...	...	...	Satisfactory
Microscopical examination of deposit	...	...	...	...	...	Satisfactory
pH value	...	...	...	...	...	7.0
Lead solvency (L.G.B.)	...	...	...	...	...	0.4 parts per million

**Report.**

This sample of water contains less free and albuminoid ammonia than the sample examined in March of this year, the nitrate content and the oxygen absorbed figure are also somewhat less. The water is of satisfactory organic purity and I am of the opinion that it is suitable for a Public Supply.

It will be noted that the results are now all given in parts per million.

Sgd. W. GORDON CAREY,

The number of dwelling houses supplied from piped water mains is approximately 20,000. It is estimated that 16,000 of these are supplied direct to the house, whilst the remaining 4,000 (approx.) are dependent upon outside taps in yards, etc.

**Swimming Baths.** There is a large open-air swimming pool, situated at the South end of Tynemouth Long Sands, and in addition, there is an open-air swimming bath at Hawkey's Lane, North Shields. The former is filled with salt water, while the latter derives its supply from the Tynemouth Corporation water undertaking. Both are open for the summer season only. Continuous filtration and chlorination are used at both pools, the amount of free chlorine present in the water being estimated daily, during the season. Bacteriological examinations and chemical analyses of samples of these waters were satisfactory.



## SANITARY INSPECTION OF THE BOROUGH.

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To THE MAYOR, ALDERMEN AND COUNCILLORS OF THE  
COUNTY BOROUGH OF TYNEMOUTH.

YOUR WORSHIP, LADIES AND GENTLEMEN,

I beg to submit my Annual Report upon the Sanitary Inspection of the Borough during the year 1953, and wish to take this opportunity of expressing my thanks to the members of the Health Committee, and to all colleagues for their helpful co-operation and keen interest shown during the year.

I have the honour to remain,

Your obedient servant,

C. A. MURRAY, Cert.S.I.E.J.B.,

Cert. Meat Inspection,

*Senior Sanitary Inspector.*

### SANITARY INSPECTION.

Total number of inspections made						...	...	...	...	14,338
Total number of re-inspections made						...	...	...	...	3,999
							Inspection.		Re-inspection.	
Accumulations	...	...	...	...	...	...	176		236	
Animals, Poultry, etc.	...	...	...	...	...	...	91		23	
Ashplaces	...	...	...	...	...	...	27		62	
Ashbins	...	...	...	...	...	...	134		205	
Bakehouses (with mechanical power)	...	...	...	...	...	...	70		—	
„ (without mechanical power)	...	...	...	...	...	...	44		—	
Butchers' Shops and Stores	...	...	...	...	...	...	285		18	
Cesspools	...	...	...	...	...	...	8		1	
Closets—Water	...	...	...	...	...	...	526		603	
„ —Privies	...	...	...	...	...	...	20		7	
„ —Tubs	...	...	...	...	...	...	37		7	
Cold Stores	...	...	...	...	...	...	22		—	

Dairies, Milkshops and Milkstores	...	...	608	18
Dangerous Structures	...	...	20	12
Drains—Inspected	...	...	356	334
„ —Smoke Tests	...	...	18	—
„ —Chemical Tests	...	...	15	—
„ —Water Tests	...	...	48	1
Entertainment Houses	...	...	30	1
Factories (with mechanical power)	...	...	310	21
„ (without mechanical power)	...	...	80	—
„ (Outworkers)	...	...	—	—
Fishmongers' Shops and Stores	...	...	188	3
Fish Curing Premises	...	...	53	2
Fish Quay	...	...	286	2
Fish Frying Premises	...	...	77	—
Houses (Ordinary)	...	...	9	—
„ (Overcrowded)	...	...	240	5
Housing Enumeration (Part IV)	...	...	564	—
Houses (Consolidated Regulations)	...	...	13	151
„ (Clearance Areas, etc.)	...	...	9	7
Housing Act (other buildings)	...	...	5	—
Houses : Let in Lodgings	...	...	39	—
Infectious Diseases	...	...	99	19
Food Preparing Premises—Ice Cream	...	...	282	21
„ „ „ —Cooked Meats	...	...	477	27
Meat and Food Inspections	...	...	390	—
„ „ „ Condemnations	...	...	284	—
„ „ „ Seizures	...	...	—	—
Meetings with Owners or Tradesmen	...	...	681	2
Merchandise Marks Act	...	...	208	1
Miscellaneous Visits	...	...	661	3
Offensive Trade Premises (excluding Fish Fryers)	...	...	103	—
Piggeries	...	...	212	48
Rats and Mice Destruction	...	...	457	382
Samples—Food and Drugs Act	...	...	202	8
„ —Pathological	...	...	117	—
„ —Rag Flocks Act	...	...	1	1
„ —Water	...	...	22	—
„ —Fertilizers and Feeding Stuffs Act	...	...	9	2
Sanitary Inspections	...	...	89	3
Seamen's Lodging Houses	...	...	18	—
Shops Act, Section 38 (1950)	...	...	1,362	51
Slaughterhouses—Private	...	...	18	—
Special Notices (Meat Regulations)	...	...	27	—
Schools	...	...	9	1
Smoke Observations	...	...	111	7
Special Visits	...	...	570	3
Sewers, etc.	...	...	108	21
Street Gullies	...	...	102	6
Streets or Back Roads	...	...	73	7
Stables	...	...	16	7

Tips ... ..	52	27
Nuisances ... ..	797	1,554
Urinals—Public ... ..	48	1
„ —Private ... ..	60	37
Van Dwellings ... ..	27	1
Verminous Premises ... ..	152	19
Yards and Courts ... ..	83	21

### Complaints

Complaints received ... ..	1,045
Complaints confirmed ... ..	355
Matters referred to other Departments ... ..	103
Nuisances found ... ..	797
Premises where work has been carried out without service of notice ... ..	93

### Nuisances and Defects Remedied during 1953.

	Public Health Acts.		Housing Acts.	Tynemouth Corporat'n. Act.
	Informal.	Statutory.	Statutory.	Statutory.
No. of defects remedied under 1952 notices ... ..	313	94	—	3
Informal notice defects transferred to statutory notices... ..	62	—	—	—
No. of defects remedied under 1953 notices... ..	580	124	7	151
No. of defects outstanding at end of 1953 ... ..	205	129	52	6

### THE FACTORIES ACT, 1937.—Inspections.

Premises.	Number on Register.	Number of		
		Inspections	Written notices.	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	69	80	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	231	310	6	—
(iii) Other Premises in which Section 7 is enforced by the the Local Authority (excluding out-workers' premises) ...	—	—	—	—
TOTALS ... ..	300	390	6	—



The following defects were dealt with on receipt of notices from H.M. Inspector of Factories, and remedied in the course of inspections.

### CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1)	1	1	—	1	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temperature (S.3) ...	—	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) insufficient ...	—	—	—	—	—
(b) Unsuitable or defective ...	4	2	—	2	—
(c) Not separate for sexes ...	2	2	—	2	—
Other offences against the Act (not including offences relating to Outwork) ...	—	—	—	—	—
TOTALS ...	7	5	—	5	—

There was a total of 300 factories on the Register at the end of the year, 231 with mechanical, and 69 without mechanical power.

### OUTWORKERS.

No notices under Section 110 of the Factories Act, 1937, were received during the year.

### MEANS OF ESCAPE IN CASE OF FIRE.

Under the provisions of Section 34(1) factories of certain categories are now required to be certified by the Council as having adequate means of escape in case of fire. 18 certificates were approved during the year

### BAKEHOUSES.

There were 47 premises on the Register at the end of the year, all of which were inspected regularly. It was not necessary to serve any notices during the year.

### MOVEABLE DWELLINGS (P.H. Act, 1936, Sec. 269).

During the year 28 visits were made to the 3 sites in the Borough housing 3 Caravans. All are on a yearly Licence.

**SHOPS ACT, 1950 (Section 38).**

Under the provisions of the above Act, 1,413 visits were made to, inspect sanitary conveniences and other arrangements for the welfare of the assistants. Five notices were served during the year.

**ASHPITS.**

There are 7 ashpits, 29 privy ashpits and 16 pail closets in the Borough.

**PREVENTION OF DAMAGE BY PESTS ACT, 1949.**

During the year 839 visits were made to 785 premises, for the purpose of ascertaining rat infestations ; business premises with a high risk of infestation receiving special attention. Notices were served with successful results in certain difficult cases. The remedy of drainage and structural defects together with the use of traps, poison baits, etc., resulted in the majority of the premises being cleared. All work was carried out by Sanitary Inspectors, with the help of two trained operators from the Borough Surveyor's Department.

Two Maintenance treatments of the Sewers were carried out in accordance with the recommendations of the Infestation Control Division of the Ministry of Agriculture and Fisheries. This consisted of two days pre-bait, one day poison bait and a final day's visit to ascertain the amount of bait consumed. The estimated kill for both treatments was 12,165 rats.

Two Block Control treatments to Fish Quay premises were carried out during the year and resulted in a calculated kill of 1,005 rats.

During the year, privately owned and Corporation properties, including tips, were treated by the Corporation, whilst certain privately owned works and other premises, where treatment was carried out either by direct labour or by servicing firms resulted in a calculated kill of 3,914 rats. Farms and small holdings have also received attention.

**ERADICATION OF BED BUGS.**

Number of Council Houses	...	...	...	16
Number of Other Houses	...	...	...	27
Number of Houses de-infested	...	...	...	43



Dwellinghouses were sprayed with insecticide after preparation of rooms, *e.g.*, stripping off wallpaper and removing skirting boards, etc. Infested bedding was de-infested by steam disinfection.

The dwellings, furniture and effects of all prospective Corporation tenants are inspected for evidence of vermin, and freed before removal to Corporation Houses, by a six hour concentrated fumigation with Sulphur Dioxide (2.8% S.O.<sub>2</sub>); the gas being kept circulating by means of electric fans.

All deinfestation is carried out by experienced men employed directly by the Local Authority.

Deinfestation of privately owned and occupied property is not carried out by the Department. The services of a Sanitary Inspector are given in an advisory capacity, sprays being loaned free of charge, and insecticide sold at cost price.

#### DISINFECTION OF PREMISES AND ARTICLES OF CLOTHING.

The following table shows the number of rooms disinfected and the number of articles of clothing removed and disinfected at Moor Park Hospital Disinfecting Station during the year.

Disease.							Rooms.	Articles of Clothing.
Diphtheria	...	...	...	...	...	...	—	11
Scarlet Fever	...	...	...	...	...	...	21	76
Tuberculosis	...	...	...	...	...	...	39	322
Vermin	...	...	...	...	...	...	61	58
Measles	...	...	...	...	...	...	—	—
Other Diseases	...	...	...	...	...	...	29	869
Total							150	1,336

#### SEAMEN'S LODGING HOUSES.

There were 2 Seamen's Lodging Houses on the Register at the end of the year, having accommodation for 36 males. Eighteen visits were made during the year. The Chief Constable also made periodic inspections and reported his satisfaction.

#### THEATRES, MUSIC HALLS, etc.

Thirty-one inspections were made in connection with ventilation, sanitation or cleanliness of cinemas. The Chief Constable, who is also Inspector of Public Buildings, has had inspections made.

#### FERTILISERS AND FEEDING STUFFS ACT, 1926.

Nine informal samples of Fertilisers were taken during the year. The Public Analyst reported 7 samples as satisfactory, 2 as non-genuine, 1 of which was deficient in an ingredient and 1 containing an excess of an ingredient.



## **RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.**

The above Act, which repeals the previous Acts of 1911 and 1928, came into operation on the 1st November, 1951.

Its purpose is to secure the use of clean filling materials in upholstered and other articles which are stuffed and lined.

The total number of premises registered is 7.

One sample was taken during the year.

## **OFFENSIVE TRADES.**

Regular inspections have been made on premises at which Offensive Trades are carried on, and the Regulations have been strictly enforced. A list of Offensive Trades registered in this Borough is given herewith :—

Tripe Boiling ...	...	...	...	4
Gut Scraping ...	...	...	...	1

In addition to these premises, regular visits have been made to analogous trades (fish liver boiling, fish meal and manure manufacture).

## **INSPECTION AND TESTING OF DRAINS.**

The total number of tests made during the year was 82 of which 18 were Smoke Tests, 15 Chemical Tests and 49 Water Tests. The drains and sanitary conveniences of new buildings are dealt with by the Borough Surveyor's Staff.

## **RENT & MORTGAGE INTEREST (Restrictions) ACTS, 1920-23.**

No applications for certificates were received during the year.

## **HOUSING.**

New dwellings erected under the Corporation Housing Scheme during the year :—

### **NEW HOUSES ERECTED DURING 1953.**

(A) Total number of Houses Erected :—

(1) By the Local Authority ...	...	...	...	176
(2) By other Local Authorities ...	...	...	...	—
(3) By other bodies or persons ...	...	...	...	113

(B) Houses erected with State Assistance under the Housing Acts (Included in A above).

(1) By the Local Authority :—

(a) For the purpose of Part II of the Act (1925)	Nil.
(b) Do. Part III do.	Nil.
(c) For other purposes ...	Nil.
(d) Housing Act, 1936 ...	Nil.

The above information has been supplied by the Borough Surveyor.

**I.—Inspection of Dwelling houses during the Year.**

(1) (a) Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts ... ..	819
(b) Number of inspections made for the purpose ...	2,531
(2) (a) Number of dwellinghouses included under sub-head (1) above which were inspected and recorded under the Housing Consolidation Regulations, 1925-1932 ... ..	13
(b) Number of inspections made for the purpose ...	164
(3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	1
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects, reasonably fit for human habitation ... ..	818

**II.—Remedy of Defects during the Year without Service of Formal Notice**

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..	484
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**III.—Action under Statutory Powers during the Year.**

(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.	
(1) Number of dwellinghouses in respect of which notices were served requiring repairs... ..	10
(2) Number of dwellinghouses which were rendered fit after service of formal notices :—	
(a) By Owners ... ..	5
(b) By Local Authority in default of Owners ...	—
(B) Proceedings under Public Health Acts.	
(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ...	281
(2) Number of dwellinghouses in which defects were remedied after service of formal notices :—	
(a) By Owners ... ..	253
(b) By Local Authority in default of Owners ...	26
(C) Proceedings under Sections 11 and 13 of the Housing Act, 1936.	
(1) Number of dwellinghouses in respect of which Demolition Orders were made ... ..	Nil.

(2) Number of dwellinghouses demolished in pursuance of Demolition Orders ... ..	Nil.
(D) Proceedings under Section 12 of the Housing Act, 1936.	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...	1
(2) Number of separate tenements or underground rooms in which Closing Orders were determined, the tenement or room having been rendered fit ... ..	Nil.

#### IV.—Overcrowding. Housing Act, 1936.

A revision of the position with regard to the state of overcrowding in the Borough was undertaken during 1953.

The over-all percentage of overcrowded properties is now shown to be 3.80% as compared with 4.13% in 1952, 3.88% in 1951, and 4.76% in 1939.

Details of the revised position are as follows :—

(a) Total number of separate occupiers in the Borough ... ..				
	...Corporation	5,646		
	Private	14,773		
		————		20,419
(b) Total number of dwellings found to be overcrowded ... ..				
	...Corporation	510		
	Private	266		
		————		776
(c) Degree of Overcrowding.				
Corporation Properties (On bedroom standard only) ...				9.03%
Private Properties (On total room standard) ... ..				1.80%
Total Properties (776) ... ..				3.80%

Whilst the degree of overcrowding in Corporation properties appears to be high, it is to be borne in mind that the standard recognised by the Ministry of Health for Corporation Properties is higher than that used for the assessment of overcrowding in privately-owned properties, any sleeping accommodation likely to be provided in the living room in the former being excluded from the appropriate standard.



As a means of comparison, I submit details in respect of the overcrowding in the separate wards of the Borough as follows :—

Table "A" —Corporation Properties Only.

Table "B" —Private Properties only.

Table "C" —All Properties.

**TABLE "A"—CORPORATION PROPERTIES ONLY.**

Ward.	Uncrowded.	Overcrowded.	Total.	Percentages.
CHIRTON... ..	1237	160	1397	11.45
COLLINGWOOD... ..	1535	76	1611	4.71
CULLERCOATS ... ..	500	8	508	1.57
DOCKWRAY ... ..	86	26	112	23.21
LINSKILL ... ..	34	6	40	15.00
PERCY ... ..	1338	220	1558	14.18
PRESTON ... ..	20	4	24	16.66
TRINITY ... ..	8	—	8	—
TYNEMOUTH ... ..	378	10	388	3.08
TOTAL ... ..	5136	510	5646	9.03%

**TABLE "B"—PRIVATE PROPERTIES ONLY.**

Ward.	Uncrowded.	Overcrowded.	Total.	Percentages.
CHIRTON... ..	1052	1	1053	0.09
COLLINGWOOD... ..	1493	27	1520	1.77
CULLERCOATS ... ..	1672	22	1694	1.29
DOCKWRAY ... ..	1750	82	1832	4.67
LINSKILL ... ..	1824	37	1861	1.99
PERCY ... ..	743	11	754	1.59
PRESTON ... ..	1860	16	1876	0.90
TRINITY ... ..	2132	62	2194	2.94
TYNEMOUTH ... ..	1981	8	1989	0.50
TOTAL ... ..	14507	266	14773	1.80%

**TABLE "C"—ALL PROPERTIES.**

Ward.	Uncrowded.	Overcrowded.	Total.	Percentages.
CHIRTON... ..	2289	161	2450	6.57
COLLINGWOOD... ..	3028	103	3131	3.29
CULLERCOATS ... ..	2172	30	2202	1.36
DOCKWRAY ... ..	1836	108	1944	5.74
LINSKILL ... ..	1858	43	1901	2.25
PERCY ... ..	2081	231	2312	10.06
PRESTON ... ..	1880	20	1900	1.09
TRINITY ... ..	2140	62	2202	2.93
TYNEMOUTH ... ..	2359	18	2377	0.90
TOTALS ... ..	19643	776	20419	3.80%

A further Table "D" is given, as a means of comparison with previous Surveys.

**TABLE "D"—COMPARATIVE TABLE SHOWING PERCENTAGE OF OVERCROWDED PROPERTIES SINCE ORIGINAL SURVEY.**

Year.	Ward.	Un-crowded.	Over-crowded.	Totals.	Per-centages.
1938	<b>CHIRTON</b> ... ..	1876	109	1985	5.40
1950		2276	180	2456	7.33
1951		2295	181	2476	7.31
1952		2277	184	2461	7.47
1953		2289	161	2450	6.57
1938	<b>COLLINGWOOD</b> ...	1335	134	1469	9.10
1950		2872	86	2958	2.90
1951		2958	88	3046	2.88
1952		2980	104	3084	3.37
1953		3028	103	3131	3.29
1938	<b>CULLERCOATS</b> ...	1264	70	1334	5.30
1950		1709	27	1736	1.55
1951		1838	26	1864	1.39
1952		2026	27	2053	1.31
1953		2172	30	2202	1.36
1938	<b>DOCKWRAY</b> ... ..	2019	352	2371	14.80
1950		1882	92	1974	4.66
1951		1854	103	1957	5.26
1952		1857	106	1963	5.34
1953		1836	108	1944	5.74
1938	<b>LINSKILL</b> ... ..	2076	252	2328	10.80
1950		1921	44	1965	2.23
1951		1925	44	1969	2.23
1952		1859	50	1909	2.62
1953		1858	43	1901	2.25
1938	<b>PERCY</b> ... ..	2020	78	2098	3.10
1950		2057	246	2303	10.67
1951		2050	244	2294	10.63
1952		2044	254	2298	11.05
1953		2081	231	2312	10.06
1938	<b>PRESTON</b> ... ..	1627	72	1699	4.30
1950		1905	22	1927	1.14
1951		1908	19	1927	0.98
1952		1884	23	1907	1.20
1953		1880	20	1900	1.09
1938	<b>TRINITY</b> ... ..	2098	347	2445	140.2
1950		2177	70	2247	3.11
1951		2155	51	2206	2.31
1952		2114	67	2181	3.07
1953		2140	62	2202	2.93
1938	<b>TYNEMOUTH</b> ...	1046	58	1104	5.30
1950		2096	23	2119	1.08
1951		2303	23	2326	0.98
1952		2365	22	2387	0.92
1953		2359	18	2377	0.90
1938	<b>TOTALS...</b> ... ..	15361	1472	16833	8.74
1950		18895	790	19685	4.01
1951		19286	779	20065	3.88
1952		19406	837	20243	4.13
1953		19643	776	20419	3.80



TABLE "E"—GENERAL SUMMARY.

SIZE OF FAMILIES.				
	Up to 6½ Units	7 to 9 Units	9½ Units and Over	Totals
Private ...	233	25	8	266
Corporation ...	344	134	32	510
	577	159	40	776
199 "Large" Families.				

It will be observed from the foregoing Tables that there is now a total of 776 overcrowded families in the Borough as against the figure of 837 presented in my last report.

Whilst some slight improvement is shown in the smaller family groups, I wish to draw attention to the fact that there is little improvement in the larger unit groups. There appears to be no hope of making any substantial reduction in this figure, unless special provision can be made for them.

An analysis of the 199 overcrowded "large" families is given below.

TABLE "F."

SIZE OF FAMILY																	
	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	Total
Private ...	7	6	5	4	3	2	2	—	3	1	—	—	—	—	—	—	33
Corporation	37	27	38	17	15	8	9	6	3	1	2	—	2	—	—	1	166
TOTALS ...	44	33	43	21	18	10	11	6	6	2	2	—	2	—	—	1	199

## INSPECTION AND SUPERVISION OF FOOD.

### CLEAN FOOD CAMPAIGN.

The special campaign to form a Food Traders' Guild of Hygiene has been continued during the year. Traders have held back in anticipation of the passing of the Food & Drugs Amendment Bill now before Parliament.

Action has been continued under the present Act, and as a result of notices served 19 additional constant hot water supplies have been fixed.



## MILK SUPPLIES.

The County Borough is now included in a specified area under the Milk (Special Designation) (Specified Areas No. 2) Order 1953, which came into operation on 2nd December and has the effect of prohibiting the retail sale of any raw milk other than Designated milk. The four producers of non-designated milk made arrangements for their supplies to be sent to the Pasteurisation plant erected in the area of the adjacent authority of Whitley Bay.

626 visits were made to dairies, milk shops, etc., and all infringements of the Milk and Dairies Acts and Orders were dealt with satisfactorily.

Consignments of milk coming into the Borough by road and rail and the conditions of the empty churns returned received attention. The keeping qualities of milk from certain outside sources has considerably improved due chiefly to better transport facilities.

### Milk Retailers.

Applications for registration received	...	...	...	52
Applications for registration granted	...	...	...	52
Number of Milk Dealers on the Register	...	...	...	191
Dairy premises registered during the year	...	...	...	Nil.
Applications withdrawn	...	...	...	Nil.
Retailers relinquishing registration	...	...	...	11

## MILK (SPECIAL DESIGNATIONS) REGULATIONS.

The following table gives the various grades for which licences were granted :—

Dealers Licences to sell Tuberculin-Tested Milk .....	7
Dealers     "     "     "     Tuberculin-Tested Pasteurised Milk.....	10
Dealers Licences to sell Pasteurised Milk.....	27
Dealers Licences to sell Sterilised Milk.....	157
Supplementary Licences to sell Tuberculin-Tested Milk.....	2
Supplementary     "     "     "     Tuberculin-Tested Pasteurised Milk ...	7
Supplementary Licences to sell Pasteurised Milk.....	6
Supplementary Licences to sell Sterilised Milk.....	3

## MILK SAMPLES FOR BACTERIOLOGICAL EXAMINATION.

During the year 68 samples of Milk were taken for examination and submitted to the Public Health Laboratories at Newcastle and Ponteland. Of the total samples taken 41 were from sources within the Borough and 27 from outside. In addition 20 samples of Pasteurised Milk were submitted to the Public Analyst for the Phosphatase Test.

All of the above 68 samples were examined for Tubercle Bacilli, and all were negative.

The following table sets out the details of the examinations carried out.

### RESULTS OF BACTERIOLOGICAL EXAMINATIONS OF MILK.

			<i>Total.</i>	<i>Passed.</i>	<i>Failed.</i>
<b>Accredited Milk.</b>	Methylene Blue Test ...	...	6	5	1
	Coliform Test ...	...	6	5	1
	Tubercle Test ...	...	6	6	—
<b>Pasteurised Milk.</b>	Methylene Blue Test ...	...	19	16	3
	Coliform Test ...	...	—	—	—
	Tubercle Test ...	...	19	18	1
	Phosphatase Test ...	...	19	17	2
<b>Tuberculin Tested Pasteurised Milk.</b>	Methylene Blue Test ...	...	2	1	1
	Coliform Test ...	...	—	—	—
	Tubercle Test ...	...	2	2	—
	Phosphatase Test ...	...	2	2	—
<b>Ordinary Milk.</b>	Methylene Blue Test ...	...	30	25	5
	Coliform Test ...	...	30	25	5
	Tubercle Test ...	...	30	29	1
<b>Tuberculin Tested Milk.</b>	Methylene Blue Test ...	...	11	9	2
	Coliform Test ...	...	11	10	1
	Tubercle Test ...	...	11	11	—
Total Graded Milks ...			114	102	12
Total Ordinary Milks			90	79	11
Total Tests Made ...			204	181	23

The producers of unsatisfactory samples in this area were visited, cautioned and given advice, whilst those outside the area were notified, together with the Local Authorities concerned.

### ICE-CREAM.

There are 11 producers in the Borough. Equipment has now been modernised, and all ice-cream is produced in accordance with the Ice-Cream (Heat Treatment, etc.) Regulations, 1947-1951.

Twenty-five samples were subjected to the Methylene Blue Test similar to that applied to Milk samples. It is suggested by the Ministry that over any six months period 50% of vendors' samples should fall into Grade 1; 80% into Grades 1 or 2; and not more than 20% into Grade 3; and none at all in Grade 4.

The graded results of samples are as follows :—

Grade 1.	Grade 2.	Grade 3.	Grade 4.	Total.
16	1	5	3	25



68.9% of the samples were satisfactory as compared with 57.4% in 1952.

The Food Standards (Ice-Cream) Order, 1953, which came into force on the 1st June, 1953, requires that ice-cream shall contain certain minimum quantities of fat, sugar and milk solids other than fat. 14 samples were taken, all of which complied with these standards.

#### **TYNEMOUTH CORPORATION ACTS, 1916-1934.**

Regulations made under these Acts are in force, and no persons are permitted to use premises for the preparation of cooked or preserved foods unless they are registered by the Local Authority, who have power to refuse registration if, in their opinion, the premises are unsatisfactory.

There were 207 persons in the Borough registered as occupiers of premises in which Ice-Cream is sold or manufactured. 114 persons are registered as owners or occupiers of premises in which Preserved Meat, Fish Cakes, or other foods are prepared. These figures do not include premises used for the business of Fish and Potato Frying.

807 visits were made during the year to supervise and emphasise the need for cleanliness in the handling of food. No serious negligence was discovered.



## FOOD AND DRUGS.

### MILK AND CREAM REGULATIONS, 1912-1927.

- (1) Milk and Cream not sold as Preserved Cream. The following samples were examined for the presence of a preservative: Milk 107; Cream 1; and Tinned Cream Nil. No preservatives were reported to be present in any of the foregoing samples.
- (2) Thickening Substances. No evidence was found during the year of any addition of thickening substances to Cream.

### ARTIFICIAL CREAM ACT, 1929.

There were no samples taken under this Act during the year.

### FOOD AND DRUGS ACT, 1938.

The following table sets out details of samples found adulterated during the past five years.

Year.	TOTAL SAMPLES.			MILK SAMPLES.		
	Number Examined.	Number Adulterated.	Percentage Adulterated.	Number Examined.	Number Adulterated.	Percentage Adulterated.
1949	242	15	6.19	85	6	7.05
1950	243	5	2.57	112	3	2.68
1951	212	8	3.77	110	4	3.63
1952	218	7	3.21	127	2	1.57
1953	202	3	1.48	107	2	1.87

Details of samples taken during 1953 are set out in Table I.

## SAMPLES TAKEN FOR CHEMICAL ANALYSIS.

TABLE I.

Articles Analysed	Total	No. of Samples taken for Analysis		No. found to be Adulterated		Percentages of Samples Adulterated	
		Informal	Formal	Informal	Formal	Informal	Formal
Aspirin ... ..	1	1	—	—	—	—	—
Beans in Tomato Sauce	2	2	—	—	—	—	—
Beef Sausage ... ..	7	7	—	—	—	—	—
Beef & Tongue Paste ...	1	1	—	—	—	—	—
Bicarbonate of Soda ...	1	1	—	—	—	—	—
Boracic Acid Crystals ...	1	1	—	—	—	—	—
Butter ... ..	6	6	—	—	—	—	—
Castor Oil ... ..	1	1	—	—	—	—	—
"Cherryade" ... ..	1	1	—	—	—	—	—
Cheese ... ..	4	4	—	—	—	—	—
Cooking Fat ... ..	2	2	—	—	—	—	—
Condiment ... ..	1	1	—	—	—	—	—
Cough Mixture ... ..	1	1	—	—	—	—	—
Cream, Fresh ... ..	1	1	—	—	—	—	—
Epsom Salts ... ..	1	1	—	—	—	—	—
Figs, Syrup of ... ..	1	1	—	—	—	—	—
Fish Cakes ... ..	8	8	—	1	—	12.5%	—
Fullers Earth Cream ...	1	1	—	—	—	—	—
Glycerine ... ..	1	1	—	—	—	—	—
Glycerine, Lemon & Ipecacuanha ... ..	1	1	—	—	—	—	—
Ham & Chicken Paste	1	1	—	—	—	—	—
Ice Cream ... ..	14	14	—	—	—	—	—
Iced "Lolly" ... ..	3	3	—	—	—	—	—
Lard ... ..	2	2	—	—	—	—	—
Lemonade ... ..	3	3	—	—	—	—	—
Malt Vinegar ... ..	2	2	—	—	—	—	—
Margarine ... ..	6	6	—	—	—	—	—
Milk (New) ... ..	6	—	6	—	1	—	16.6%
„ (Pasteurised) ... ..	39	—	39	—	—	—	—
„ (Sterilised) ... ..	22	—	22	—	—	—	—
„ (T.T.) ... ..	22	—	22	—	1	—	4.5%
„ (T.T. Pasteurised)	18	—	18	—	—	—	—
Olive Oil ... ..	1	1	—	—	—	—	—
Orange Drink ... ..	3	3	—	—	—	—	—
Pork Sausage ... ..	7	7	—	—	—	—	—
Rheumatism Powder ...	1	1	—	—	—	—	—
Sarsaparilla ... ..	1	1	—	—	—	—	—
Sausages ... ..	1	1	—	—	—	—	—
"Seven Rubbing Oils" ...	1	1	—	—	—	—	—
Synthetic Cream ... ..	2	2	—	—	—	—	—
Tomato Sauce ... ..	1	1	—	—	—	—	—
Tongue Paste ... ..	1	1	—	—	—	—	—
White Paraffin ... ..	1	1	—	—	—	—	—
Zinc Oxide & Castor Oil	1	1	—	—	—	—	—
TOTAL ...	202	95	107	1	2	1.05%	1.87%

## PARTICULARS OF ADULTERATED SAMPLES.

TABLE II.

No.	Article	Defect	Action Taken
55	Fish Cakes	Deficient in Fish Content to extent of 23.0%	Letter of caution to Retailer and Manufacturer.
81	Milk (New)	Deficient in Milk Fat to extent of 20.0%	Letter of caution to Farmer.
85	Milk (T.T.)	Deficient in Milk Fat to extent of 5.0%	Letter of caution to Farmer.

**PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-1927.**

There were no samples examined during the year under these regulations.

**PUBLIC HEALTH (DRIED MILK) REGULATIONS 1923-1927.**

No samples were taken under these regulations during the year.

**PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS, 1925-1927.**

202 samples were examined during the year, and in no case was any infringement of the regulations discovered.

**INSPECTION OF MEAT AND OTHER FOODS.**

All slaughtering is now centralised at Whitley Bay under Government Control, and deliveries of meat are made directly to the butchers' shops. Prior to the operation of the Livestock (Restrictions on Slaughtering) Order, 1940, there were 14 private slaughterhouses in Tynemouth subject to annual licence.

15 cases of special slaughter of pigs for home consumption were authorised under a Licence by the Ministry of Food, and the carcasses and organs were inspected.

**Inspection of Meat.**

303 visits were made to butchers' shops. There are no open stalls used for the sale of meat.

**SWINE FEVER.**

No cases were discovered during the year.

**WHALEMEAT.**

Since the introduction of the Food and Drugs (Whalemeat) Regulations, 1949, no landings have been made direct from the fishing grounds.



**FISH.**

During the season, a large number of boats were engaged in herring fishing, and the catches were usually landed and dealt with the same day. All catches were dealt with at the Corporation Fish Quay, and the quality of the fish landed, has been well maintained.

Mr. J. Coxon Fry, Quay Master, has kindly placed at my disposal the following figures showing the volume of the trade in fish during the year.

**Landings Made direct from the Fishing Grounds.**

White Fish	...	...	2,637 landings	246,959 cwts.
Herring (Drift Net)	...	2,909	„	187,083 „

**Imported from Norway and landed at Fish Quay ex Norwegian Carriers.**

White Fish	...	...	6 cargoes	7,320 cwts.
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**SHELLFISH**

The condition of shellfish coming into this town continued to receive attention.

During the year, 4 samples were submitted to the Bacteriologist, who reported that all these samples were entirely satisfactory.

There are no layings within the area of this authority.

**TOTAL AMOUNT OF UNSOUND FOOD CONDEMNED.**

Food					Tons	Cwts.	Qrs.	Lbs.	Ozs.
Fish	...	...	...	...	19	9	—	3	—
Shellfish	...	...	...	...	3	14	2	3	—
Beef	...	...	...	...	—	15	—	16	6
Poultry	...	...	...	...	—	—	3	4	—
Mutton	...	...	...	...	—	—	2	18	—
Pork	...	...	...	...	—	3	3	10	6
Tinned Meat	...	...	...	...	—	9	1	5	7½
Tinned Milk	...	...	...	...	—	3	2	6	3½
Tinned Fish	...	...	...	...	—	—	—	14	12¼
Tinned Goods	...	...	...	...	—	13	—	1	14½
Miscellaneous Groceries	...	...	...	...	—	13	2	8	10
TOTALS					26	3	2	2	11¾

**MINERAL OIL IN FOOD ORDER, 1949.**

No cases were discovered during the year.

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